T020no 090h260

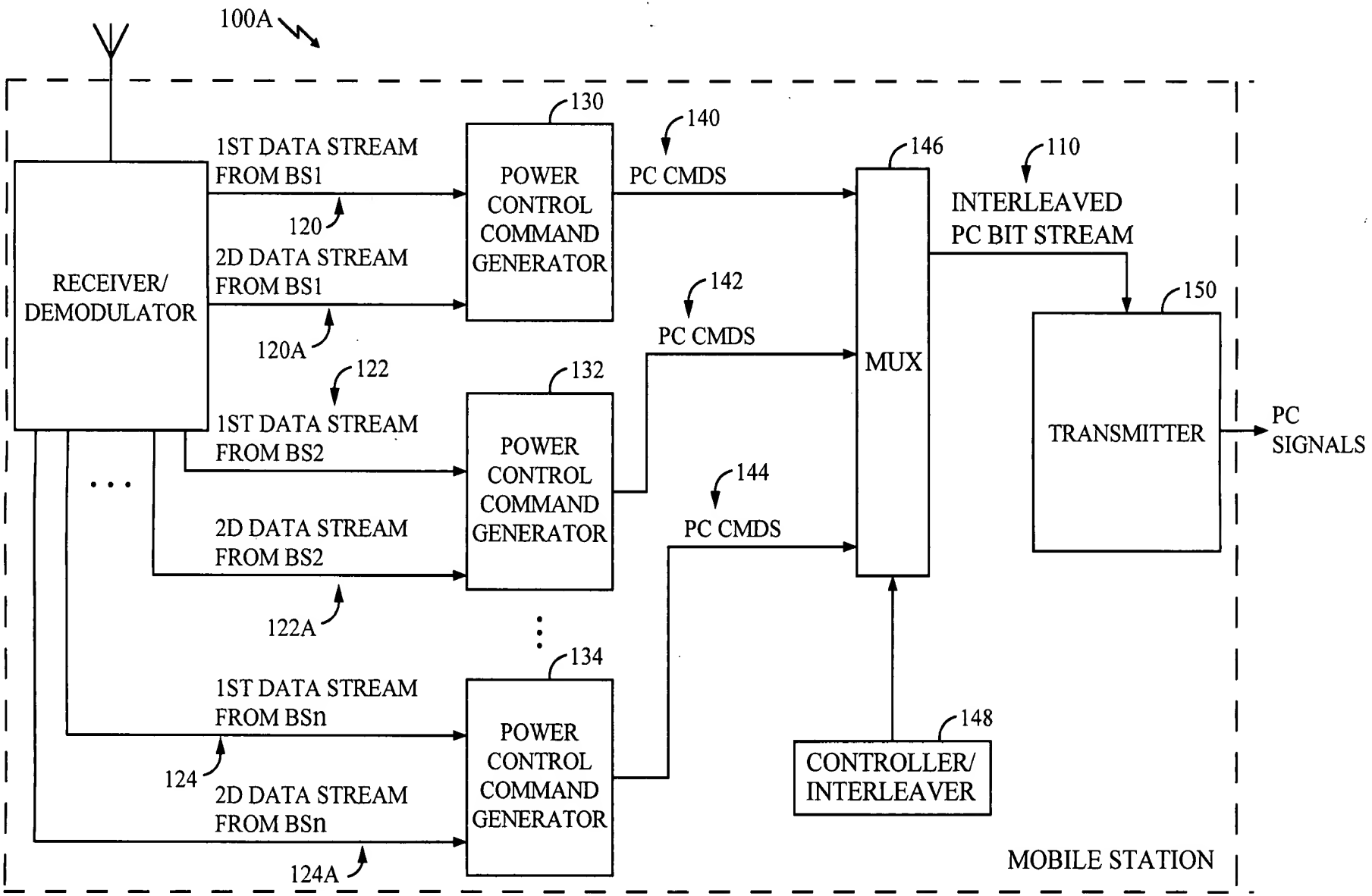


FIG. 1A

TO20HO 08H260

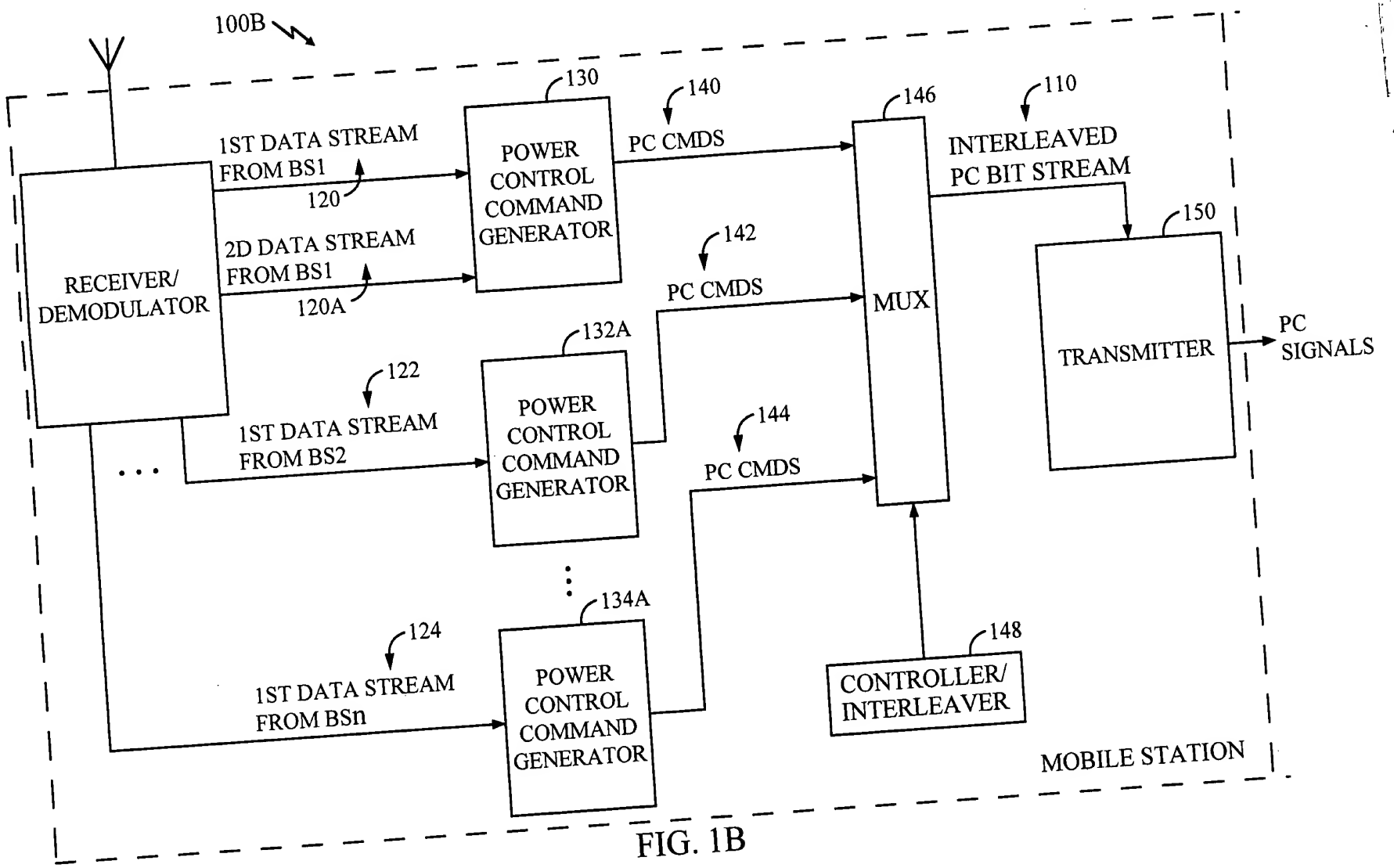


FIG. 1B

TO2610 "OSH2660

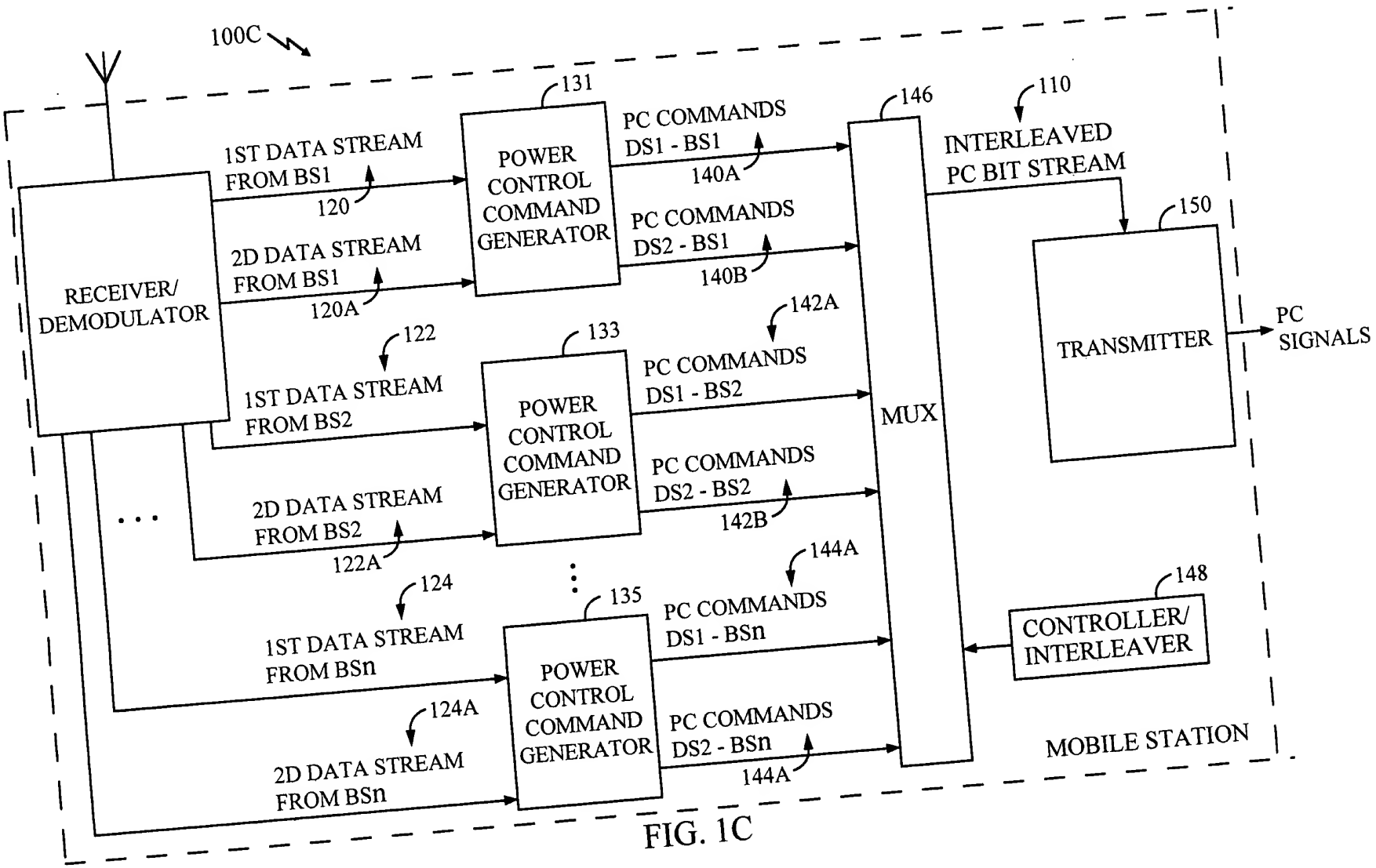


FIG. 1C

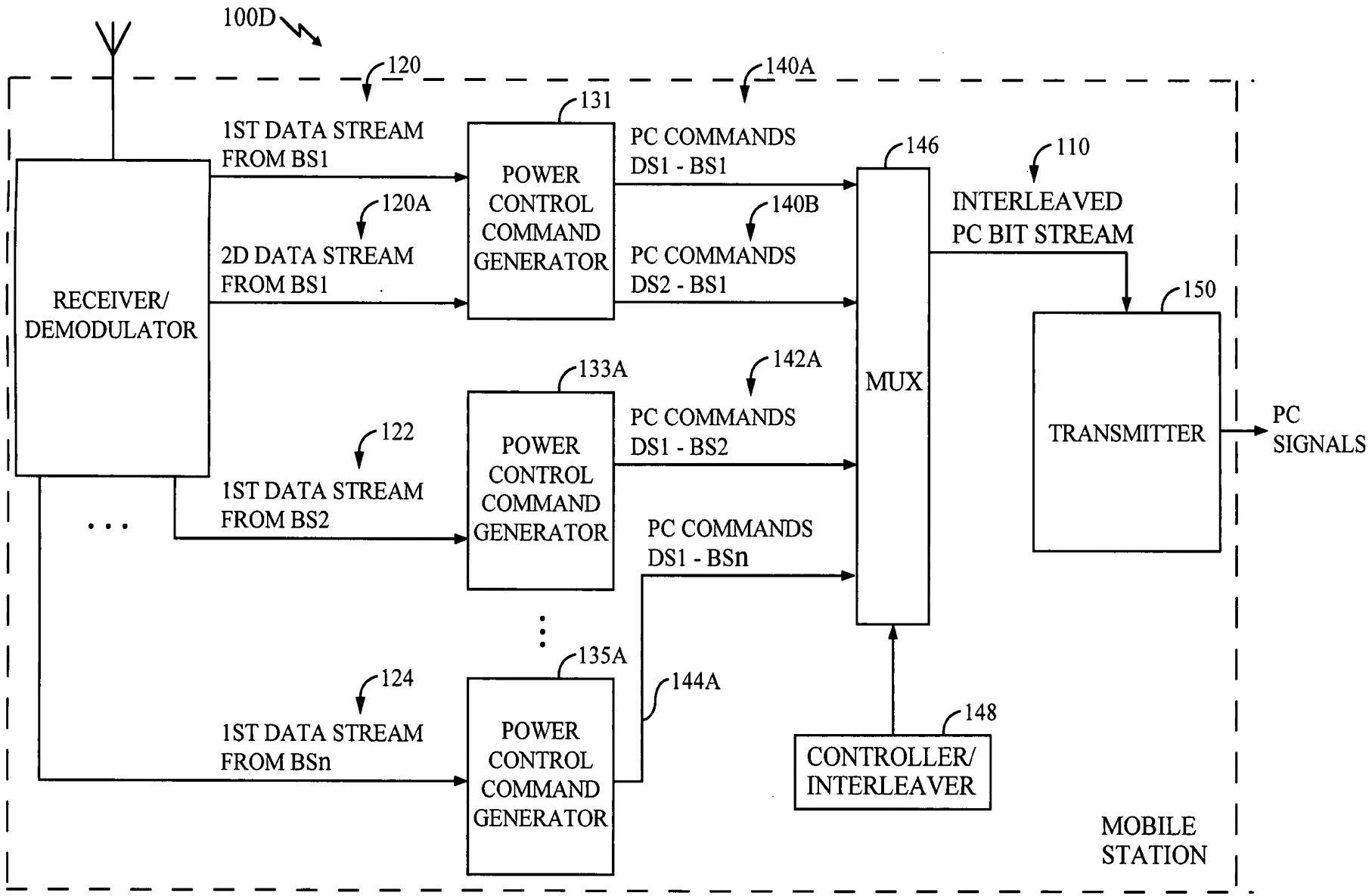

100D
120
140A
131
1ST DATA STREAM FROM BS1
PC COMMANDS DS1 - BS1
146
110
120A
140B
2D DATA STREAM FROM BS1
PC COMMANDS DS2 - BS1
INTERLEAVED PC BIT STREAM
RECEIVER/ DEMODULATOR
POWER CONTROL COMMAND GENERATOR
MUX
150
133A
142A
122
PC COMMANDS DS1 - BS2
TRANSMITTER
PC SIGNALS
1ST DATA STREAM FROM BS2
PC COMMANDS DS1 - BSn
135A
124
144A
148
1ST DATA STREAM FROM BSn
CONTROLLER/ INTERLEAVER
MOBILE STATION

FIG. 1D

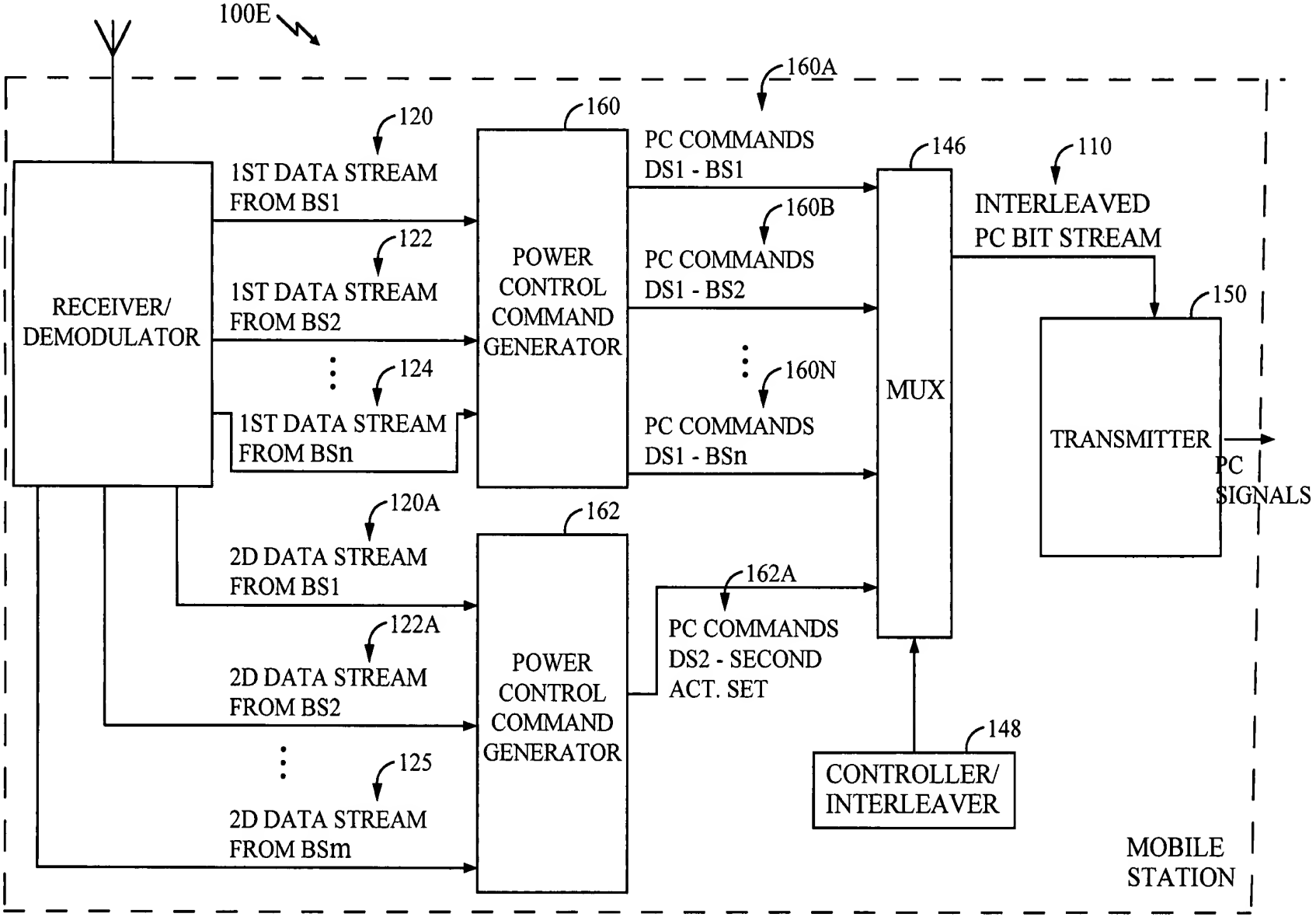

100E
160A
120
160
PC COMMANDS
DS1 - BS1
146
110
1ST DATA STREAM
FROM BS1
160B
INTERLEAVED
PC BIT STREAM
122
POWER
CONTROL
COMMAND
GENERATOR
PC COMMANDS
DS1 - BS2
RECEIVER/
DEMODULATOR
1ST DATA STREAM
FROM BS2
150
124
160N
MUX
1ST DATA STREAM
FROM BSn
PC COMMANDS
DS1 - BSn
TRANSMITTER
PC
SIGNALS
120A
162
2D DATA STREAM
FROM BS1
162A
122A
PC COMMANDS
DS2 - SECOND
ACT. SET
2D DATA STREAM
FROM BS2
POWER
CONTROL
COMMAND
GENERATOR
148
125
CONTROLLER/
INTERLEAVER
2D DATA STREAM
FROM BSm
MOBILE
STATION

FIG. 1E

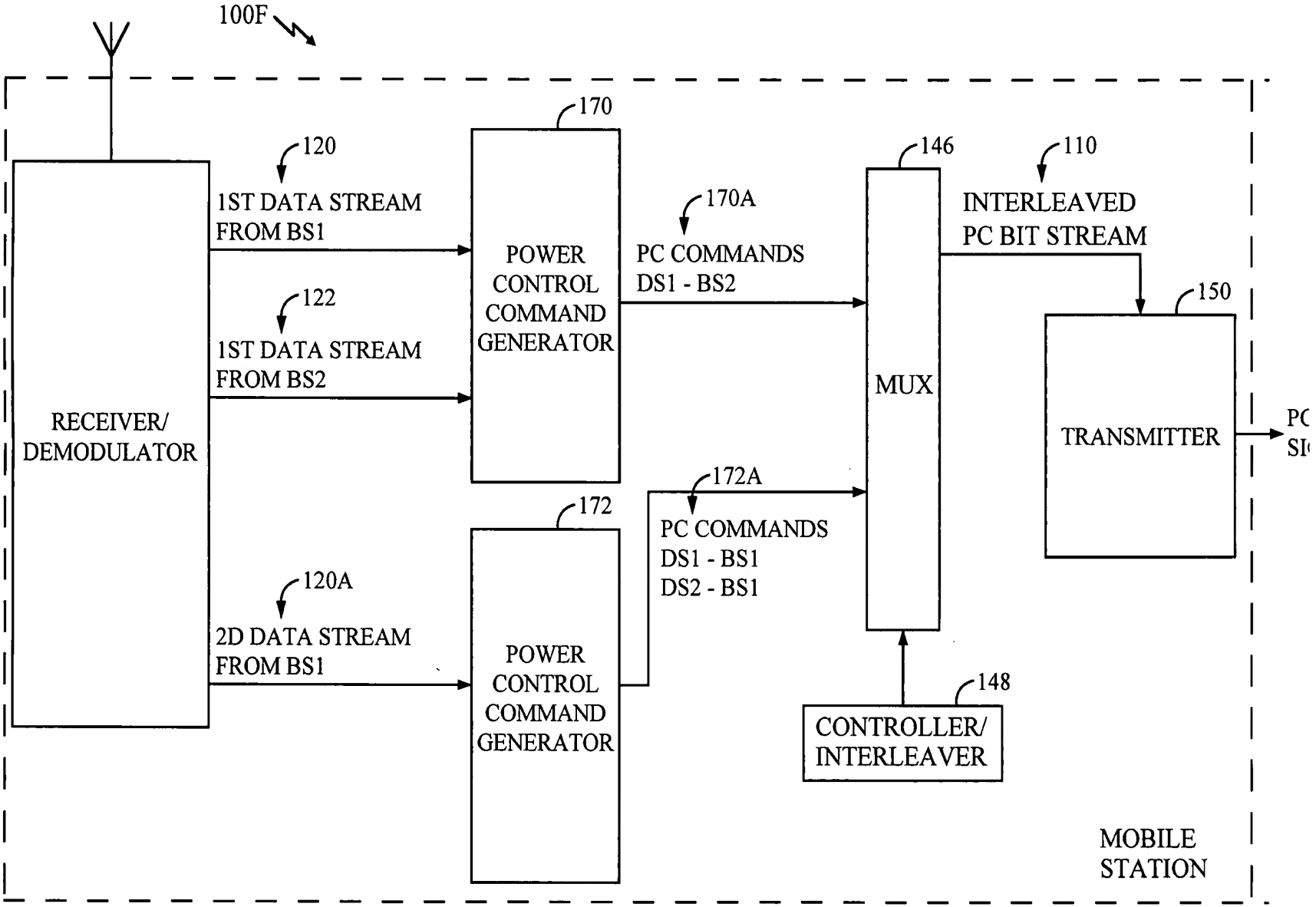

100F
120
1ST DATA STREAM FROM BS1
122
1ST DATA STREAM FROM BS2
120A
2D DATA STREAM FROM BS1
RECEIVER/ DEMODULATOR
170
POWER CONTROL COMMAND GENERATOR
172
POWER CONTROL COMMAND GENERATOR
170A
PC COMMANDS DS1 - BS2
172A
PC COMMANDS DS1 - BS1 DS2 - BS1
146
MUX
148
CONTROLLER/ INTERLEAVER
110
INTERLEAVED PC BIT STREAM
150
TRANSMITTER
MOBILE STATION

FIG. 1F

TOSHO 08n260

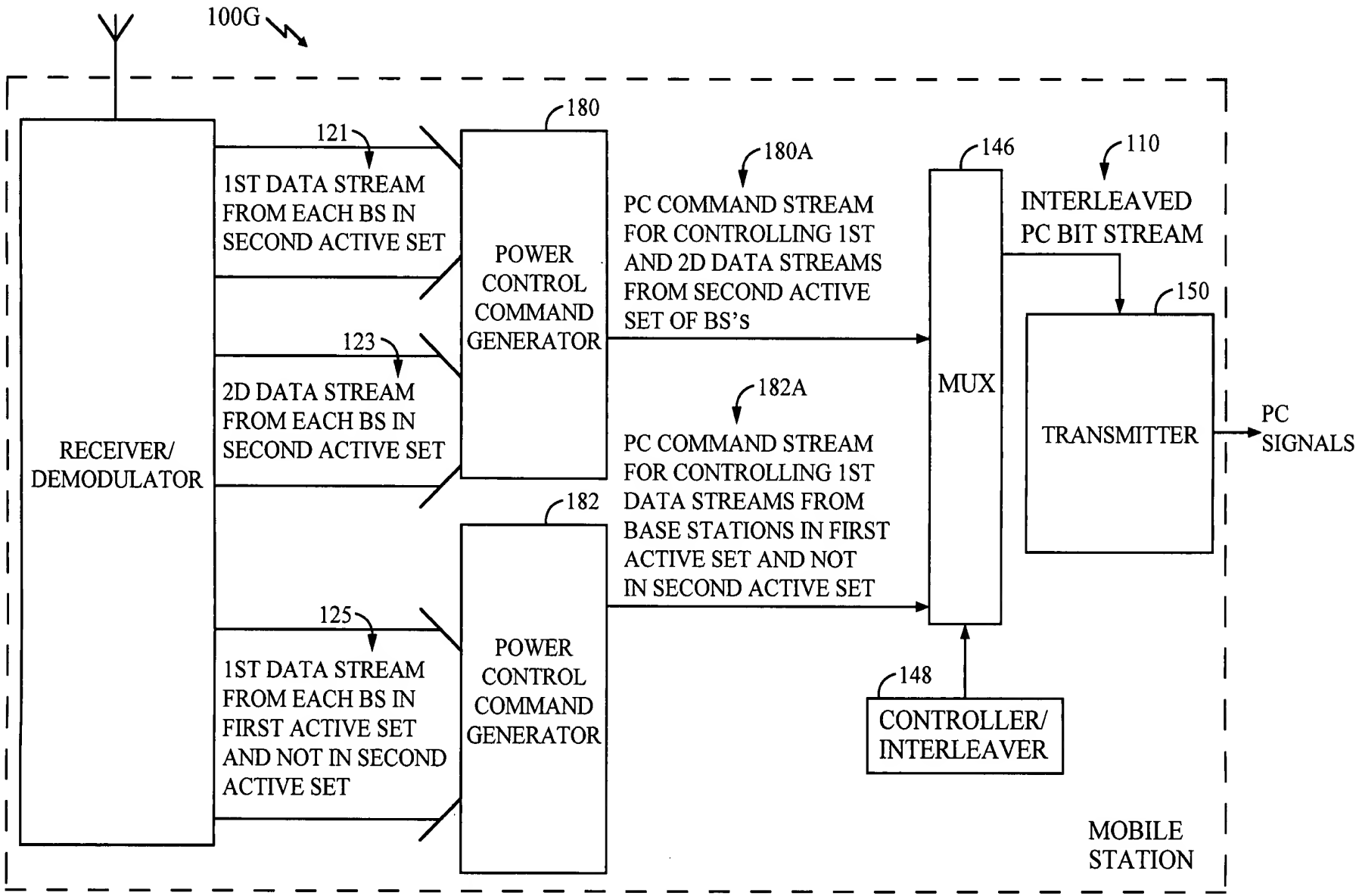


FIG. 1G

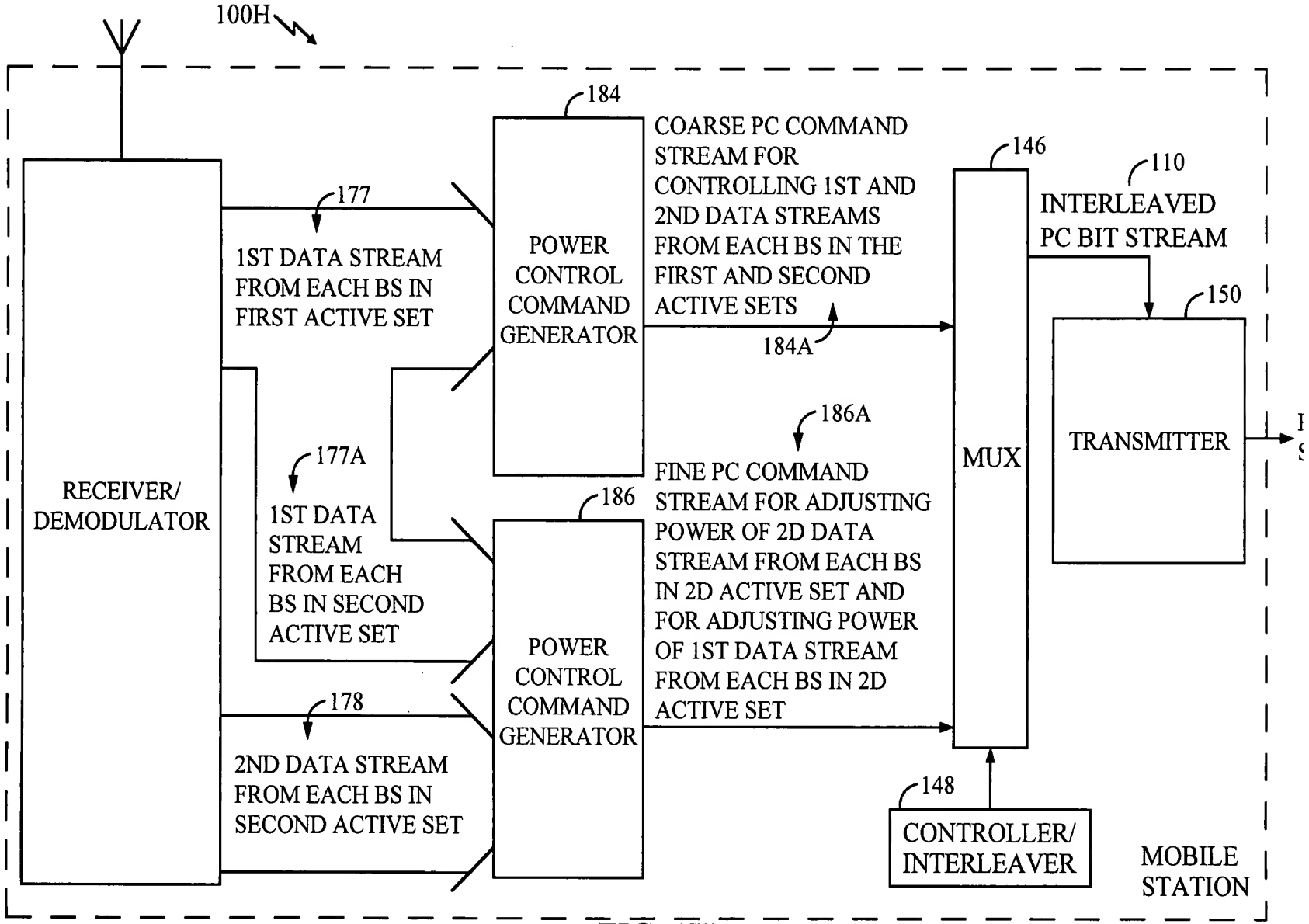

100H
184
COARSE PC COMMAND STREAM FOR CONTROLLING 1ST AND 2ND DATA STREAMS FROM EACH BS IN THE FIRST AND SECOND ACTIVE SETS
146
110
INTERLEAVED PC BIT STREAM
177
1ST DATA STREAM FROM EACH BS IN FIRST ACTIVE SET
POWER CONTROL COMMAND GENERATOR
184A
150
TRANSMITTER
186A
FINE PC COMMAND STREAM FOR ADJUSTING POWER OF 2D DATA STREAM FROM EACH BS IN 2D ACTIVE SET AND FOR ADJUSTING POWER OF 1ST DATA STREAM FROM EACH BS IN 2D ACTIVE SET
MUX
RECEIVER/ DEMODULATOR
177A
1ST DATA STREAM FROM EACH BS IN SECOND ACTIVE SET
186
POWER CONTROL COMMAND GENERATOR
178
2ND DATA STREAM FROM EACH BS IN SECOND ACTIVE SET
148
CONTROLLER/ INTERLEAVER
MOBILE STATION

FIG. 1H

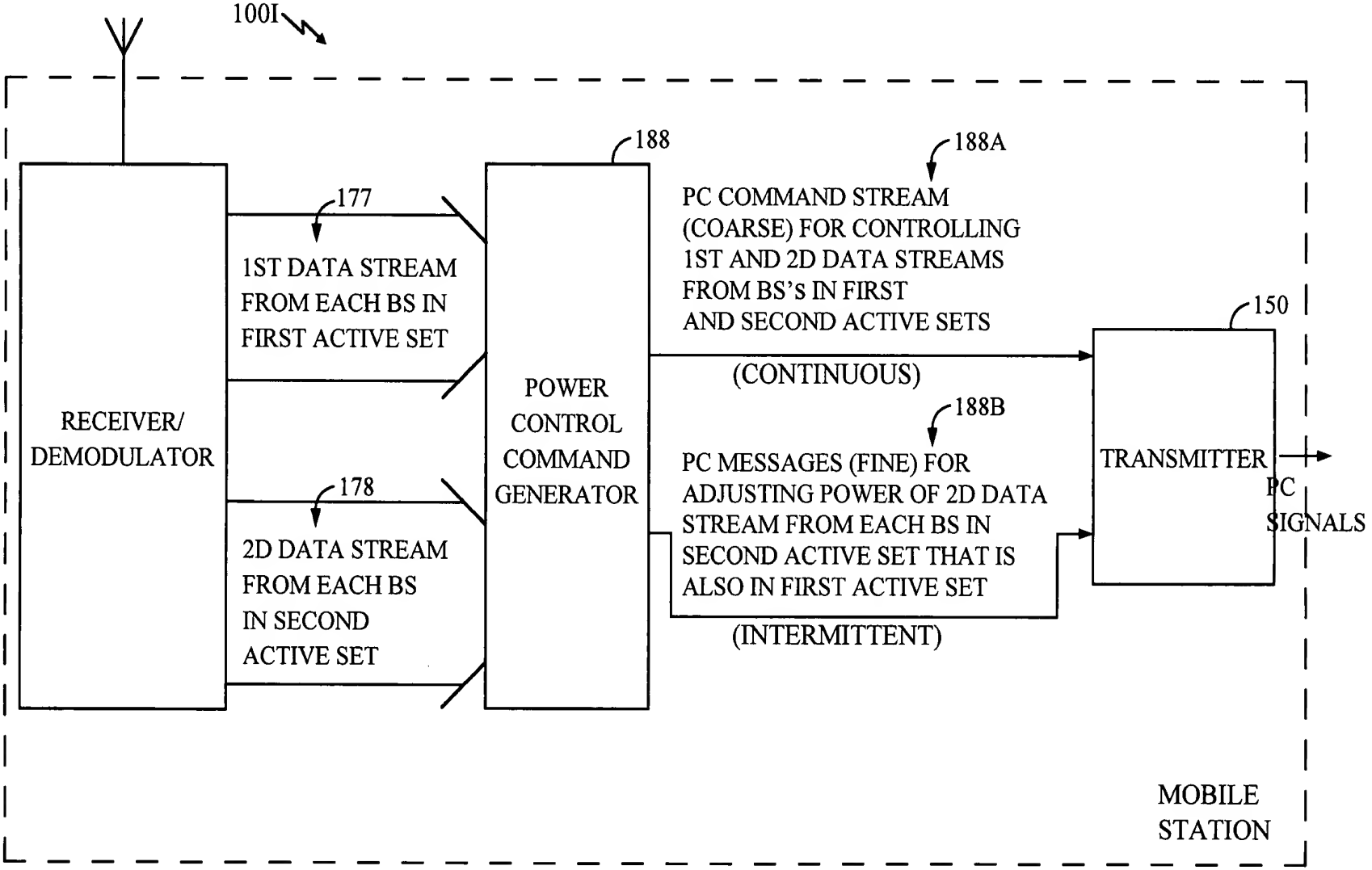

100I
188
188A
177
1ST DATA STREAM FROM EACH BS IN FIRST ACTIVE SET
PC COMMAND STREAM (COARSE) FOR CONTROLLING 1ST AND 2D DATA STREAMS FROM BS's IN FIRST AND SECOND ACTIVE SETS
150
(CONTINUOUS)
RECEIVER/ DEMODULATOR
POWER CONTROL COMMAND GENERATOR
188B
TRANSMITTER
PC SIGNALS
178
2D DATA STREAM FROM EACH BS IN SECOND ACTIVE SET
PC MESSAGES (FINE) FOR ADJUSTING POWER OF 2D DATA STREAM FROM EACH BS IN SECOND ACTIVE SET THAT IS ALSO IN FIRST ACTIVE SET
(INTERMITTENT)
MOBILE STATION

FIG. 1I

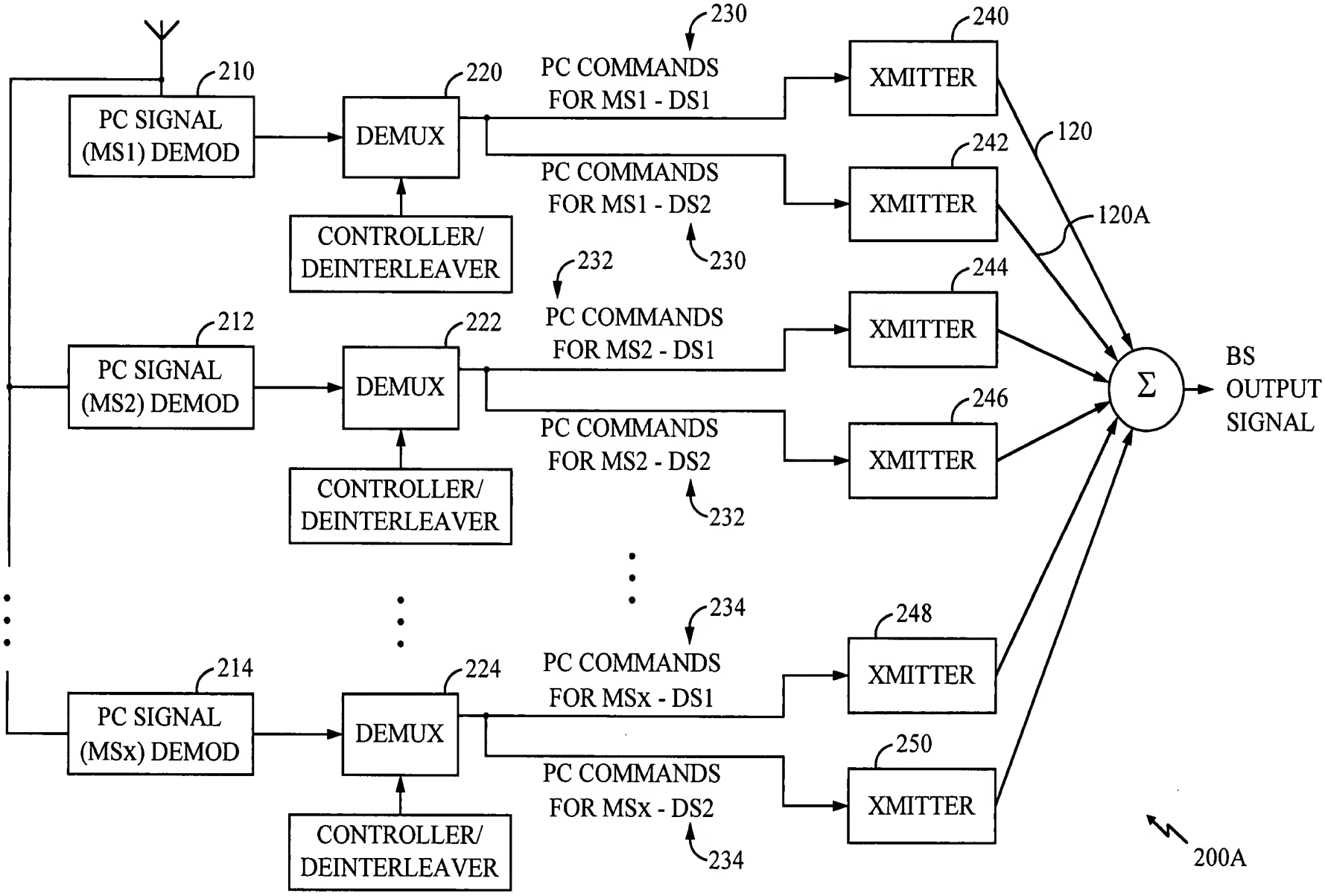

210
PC SIGNAL (MS1) DEMOD
220
DEMUX
230
PC COMMANDS FOR MS1 - DS1
240
XMITTER
120
PC COMMANDS FOR MS1 - DS2
242
XMITTER
120A
CONTROLLER/ DEINTERLEAVER
230
232
212
PC SIGNAL (MS2) DEMOD
222
DEMUX
PC COMMANDS FOR MS2 - DS1
244
XMITTER
Σ
BS OUTPUT SIGNAL
PC COMMANDS FOR MS2 - DS2
246
XMITTER
CONTROLLER/ DEINTERLEAVER
232
234
214
PC SIGNAL (MSx) DEMOD
224
DEMUX
PC COMMANDS FOR MSx - DS1
248
XMITTER
PC COMMANDS FOR MSx - DS2
250
XMITTER
CONTROLLER/ DEINTERLEAVER
234
200A

FIG. 2A

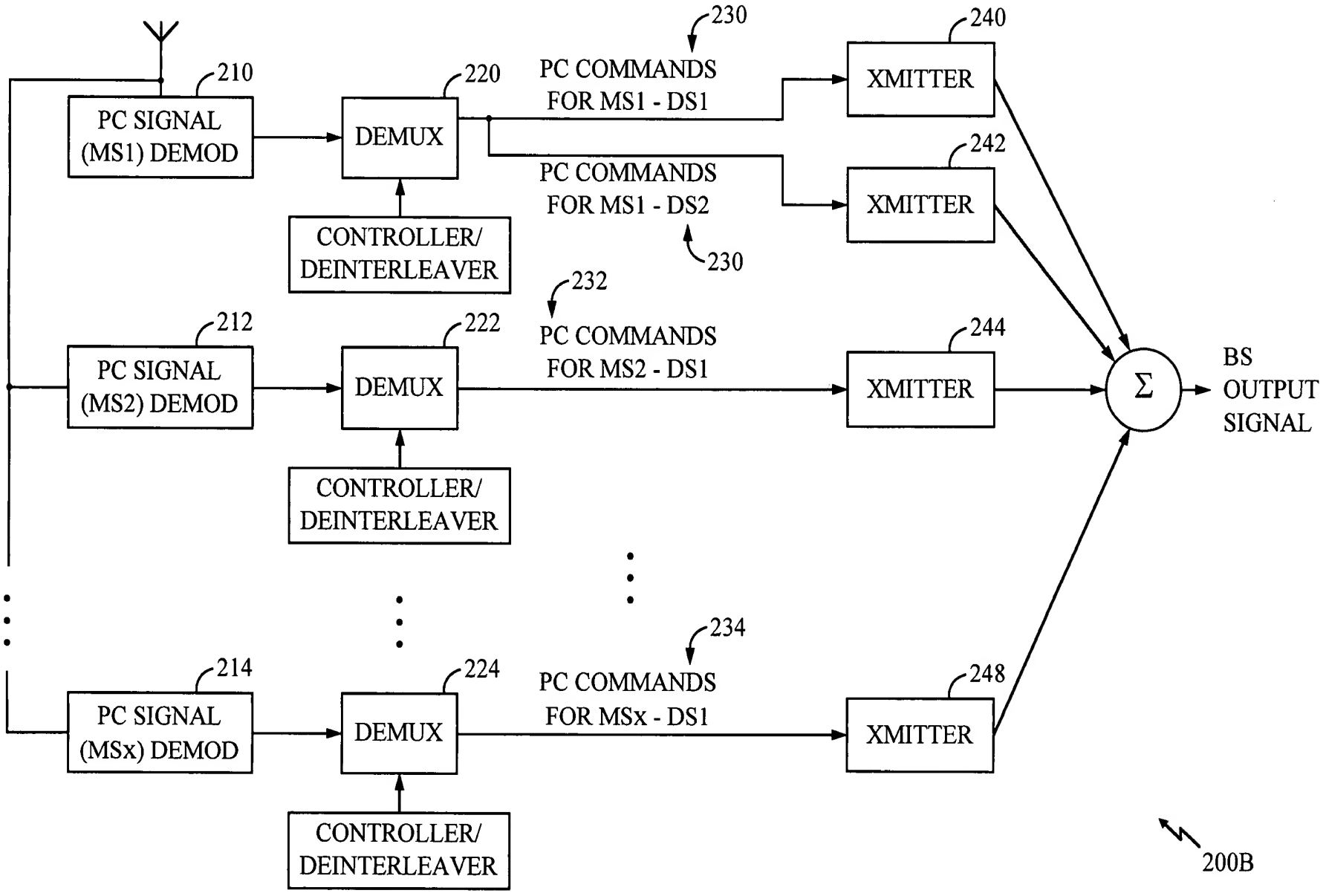

210
PC SIGNAL (MS1) DEMOD
220
DEMUX
230
PC COMMANDS FOR MS1 - DS1
240
XMITTER
242
PC COMMANDS FOR MS1 - DS2
230
XMITTER
CONTROLLER/ DEINTERLEAVER
232
212
PC SIGNAL (MS2) DEMOD
222
DEMUX
PC COMMANDS FOR MS2 - DS1
244
XMITTER
Σ
BS OUTPUT SIGNAL
CONTROLLER/ DEINTERLEAVER
234
214
PC SIGNAL (MSx) DEMOD
224
DEMUX
PC COMMANDS FOR MSx - DS1
248
XMITTER
CONTROLLER/ DEINTERLEAVER
200B

FIG. 2B

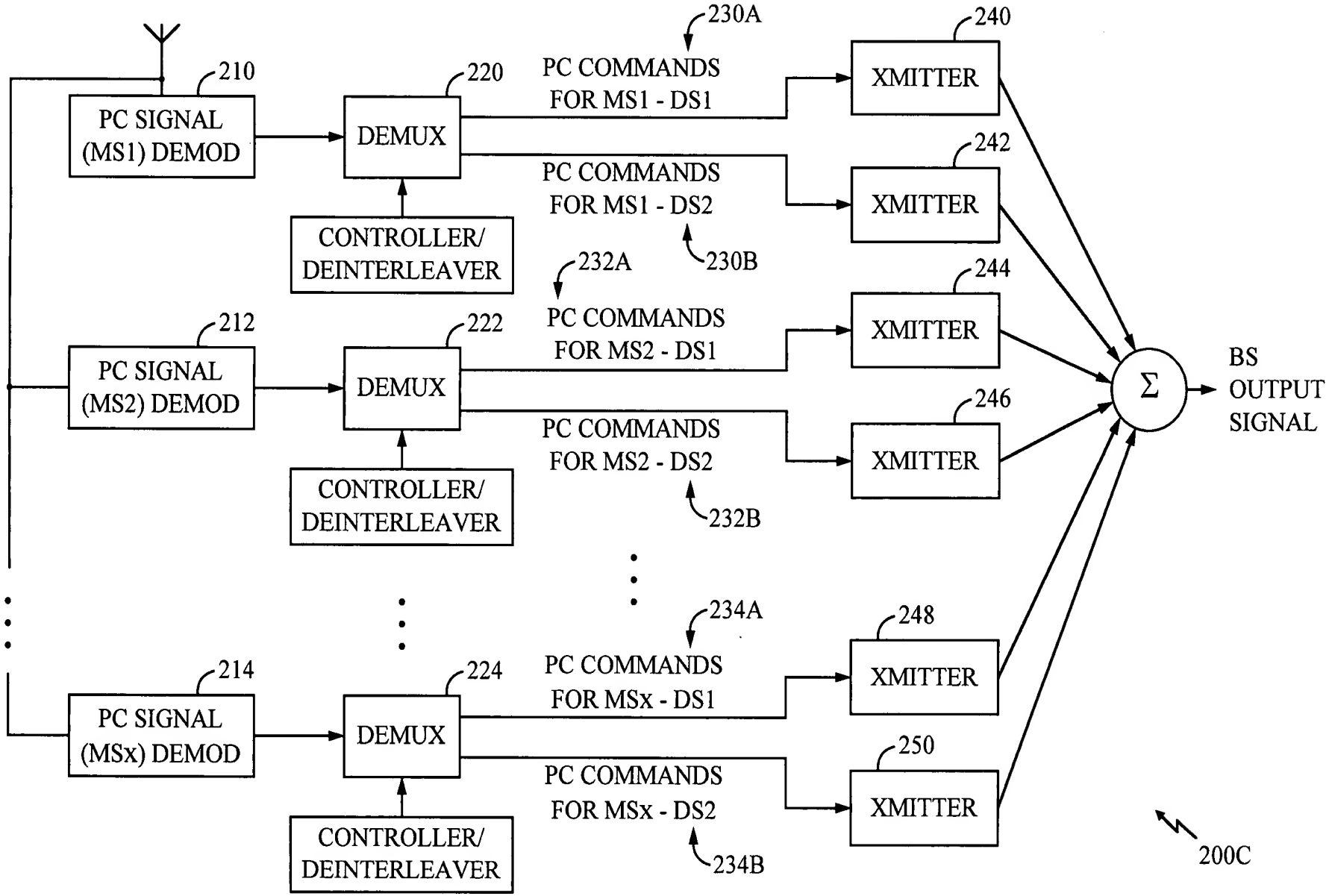

210
PC SIGNAL (MS1) DEMOD
220
DEMUX
230A
PC COMMANDS FOR MS1 - DS1
240
XMITTER
PC COMMANDS FOR MS1 - DS2
242
XMITTER
230B
CONTROLLER/ DEINTERLEAVER
232A
212
PC SIGNAL (MS2) DEMOD
222
DEMUX
PC COMMANDS FOR MS2 - DS1
244
XMITTER
Σ
BS OUTPUT SIGNAL
PC COMMANDS FOR MS2 - DS2
246
XMITTER
232B
CONTROLLER/ DEINTERLEAVER
234A
214
PC SIGNAL (MSx) DEMOD
224
DEMUX
PC COMMANDS FOR MSx - DS1
248
XMITTER
250
XMITTER
PC COMMANDS FOR MSx - DS2
234B
CONTROLLER/ DEINTERLEAVER
200C

FIG. 2C

SCANNED, #14

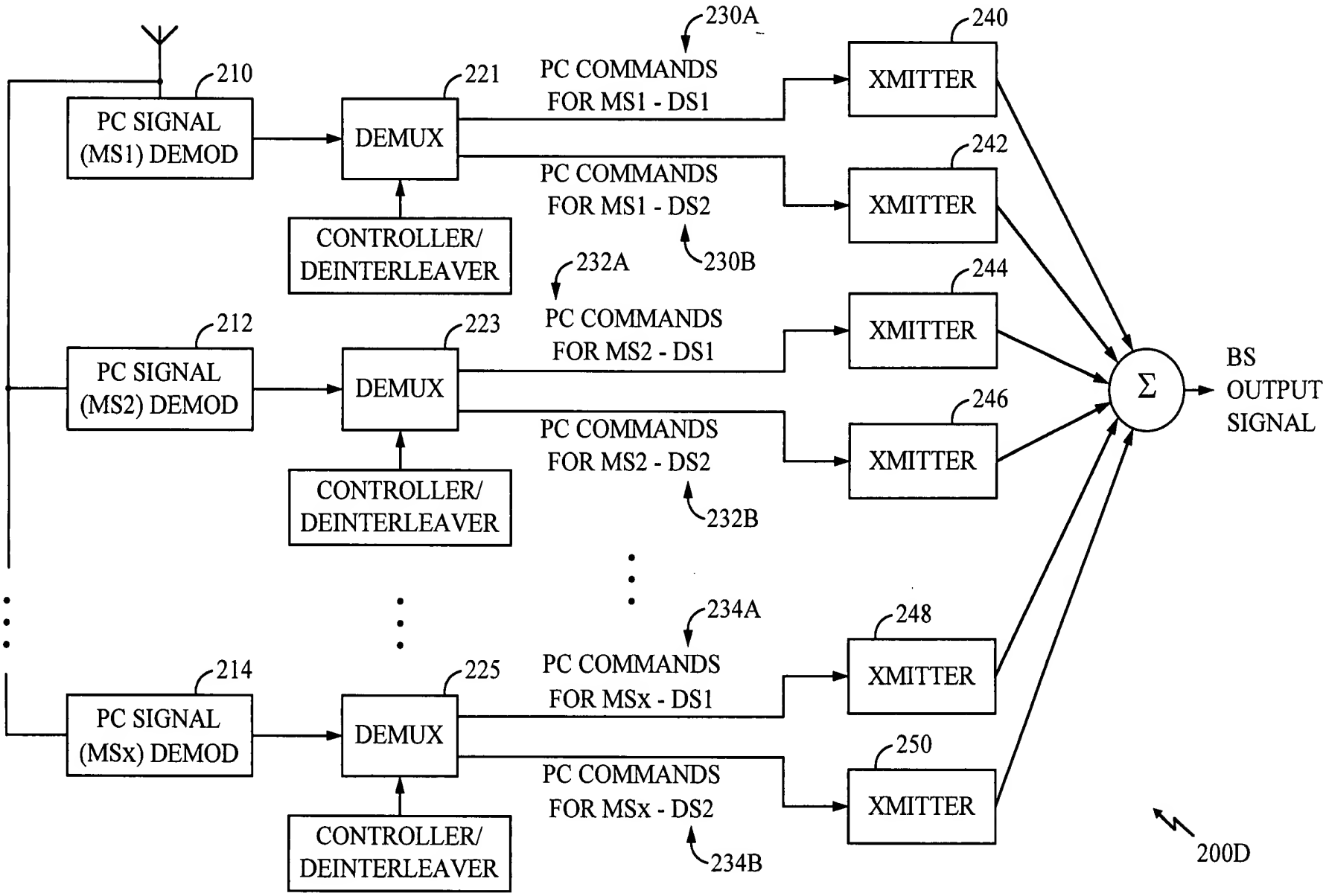


FIG. 2D

TO20HO 09872860

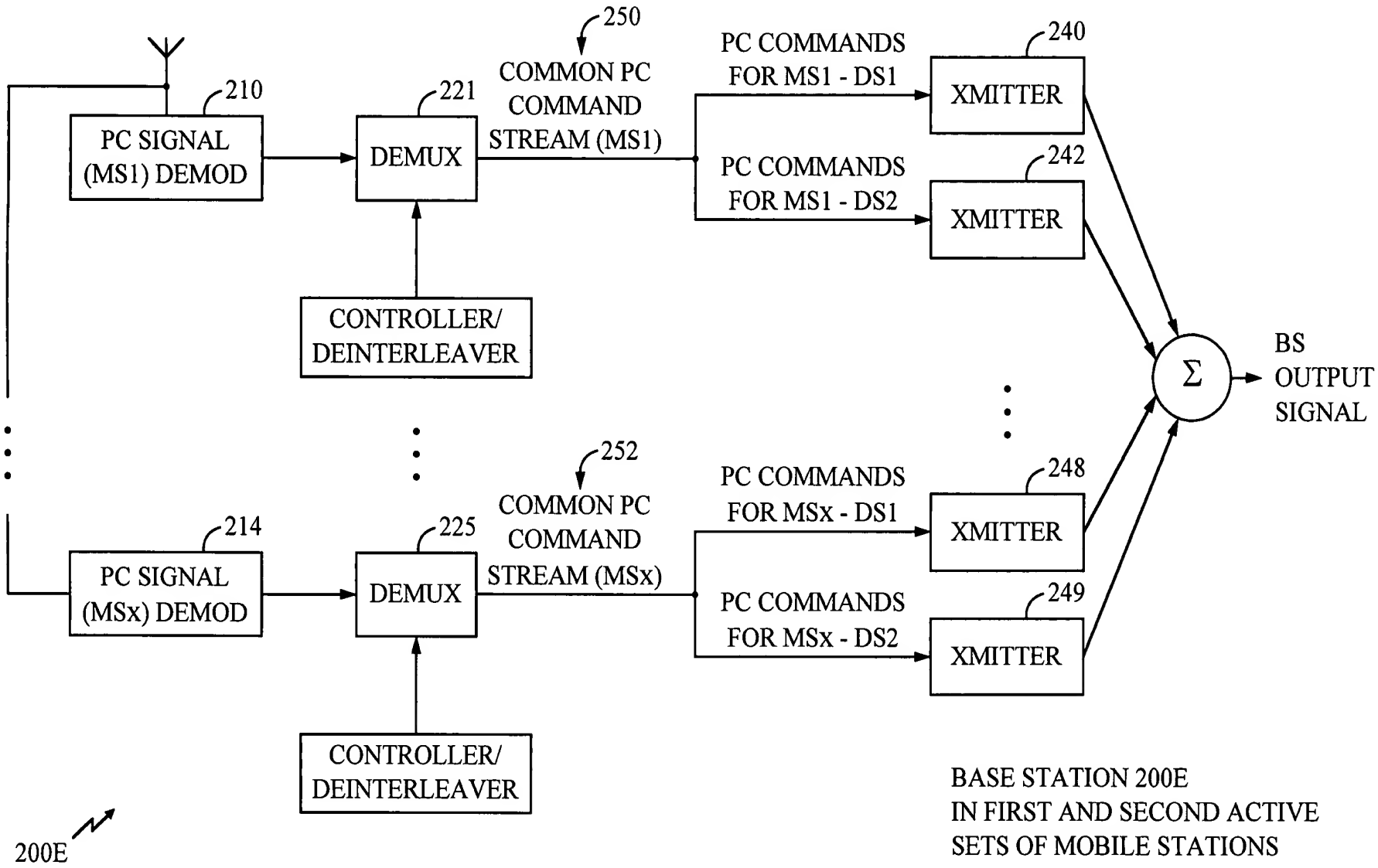


FIG. 2E

BASE STATION 200E IN FIRST AND SECOND ACTIVE SETS OF MOBILE STATIONS MS1 AND MSx CORRESPONDING TO 100F

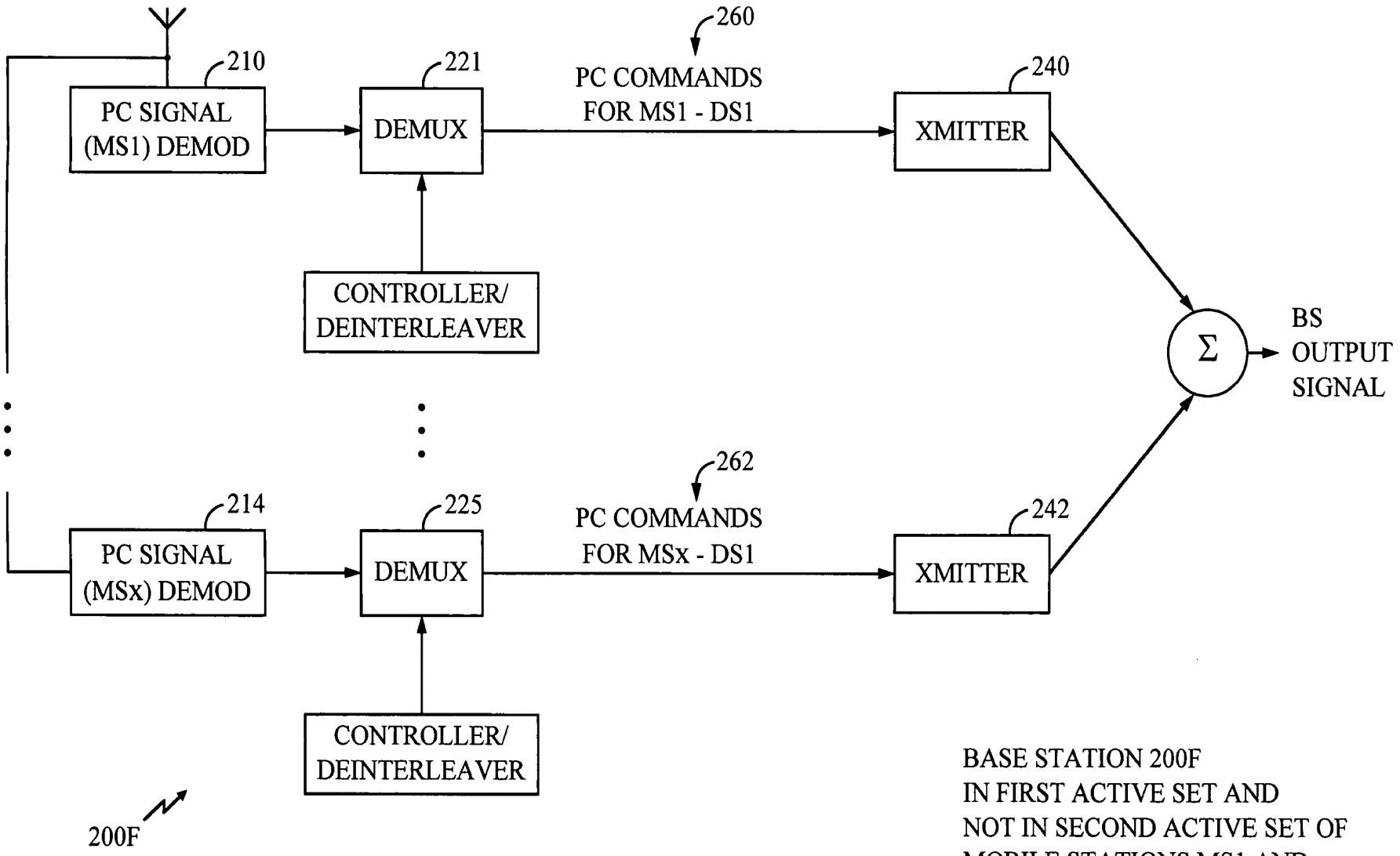


FIG. 2F

BASE STATION 200F
IN FIRST ACTIVE SET AND
NOT IN SECOND ACTIVE SET OF
MOBILE STATIONS MS1 AND
MSx CORRESPONDING TO 100F

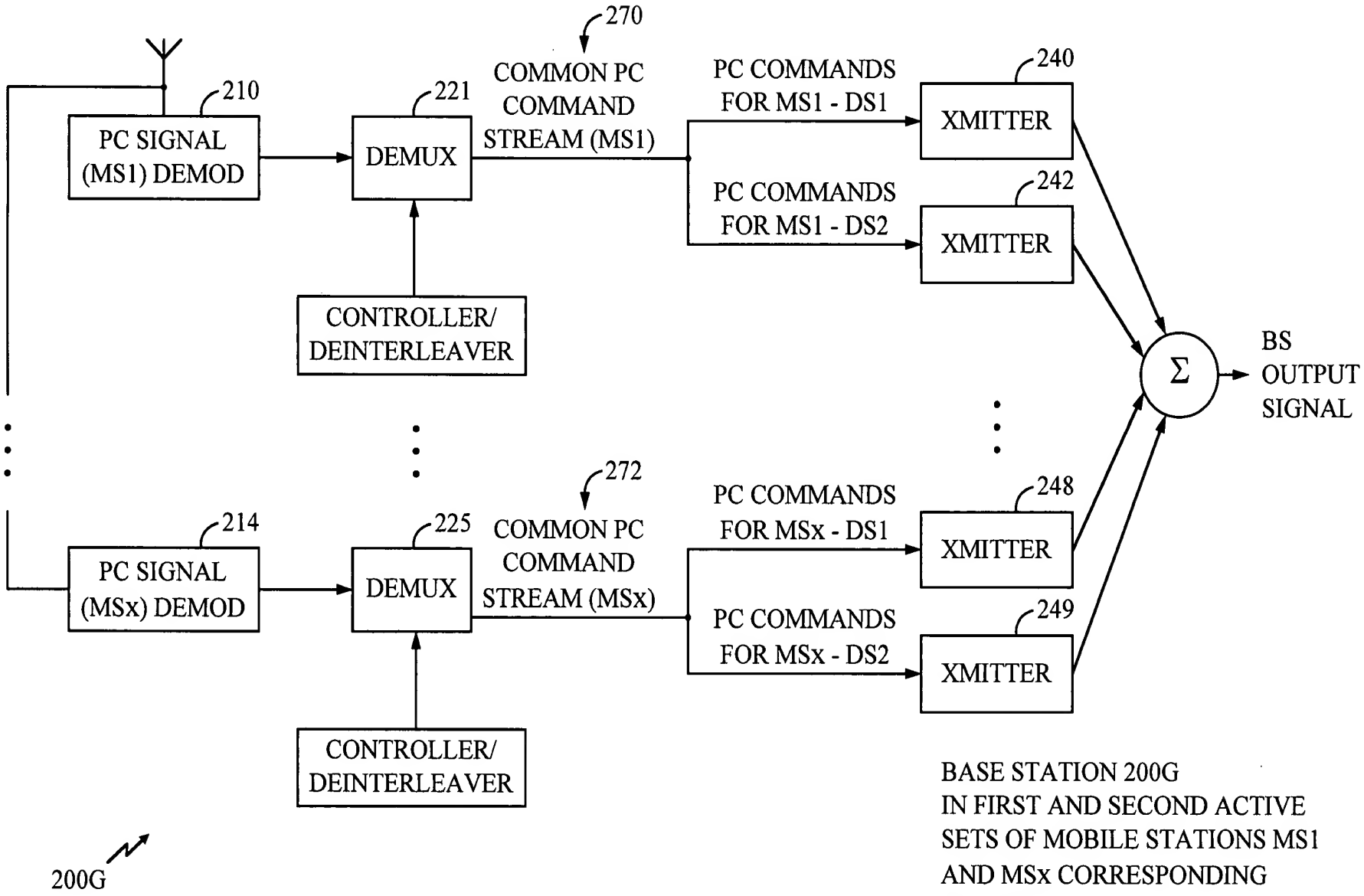
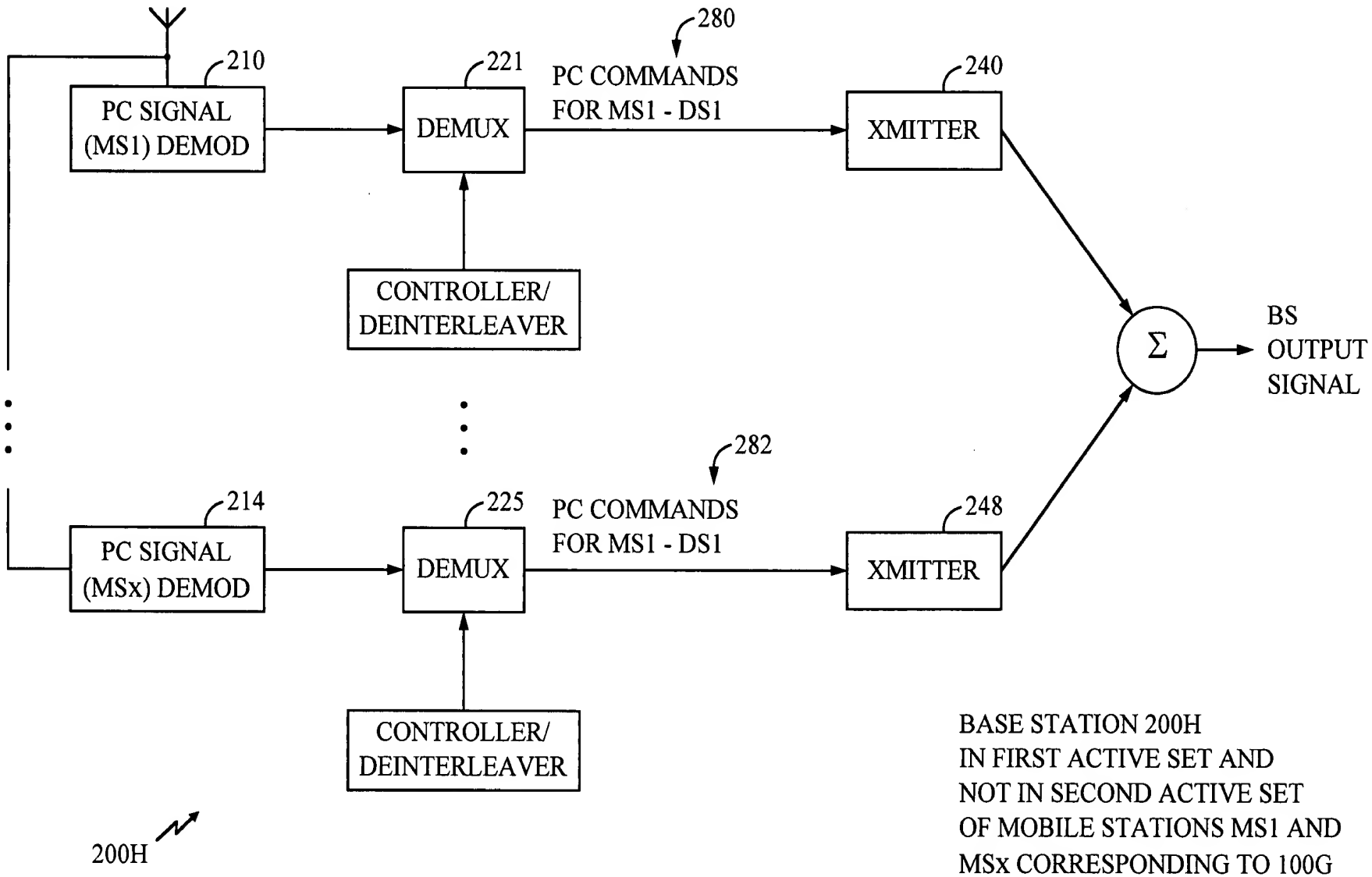


FIG. 2G

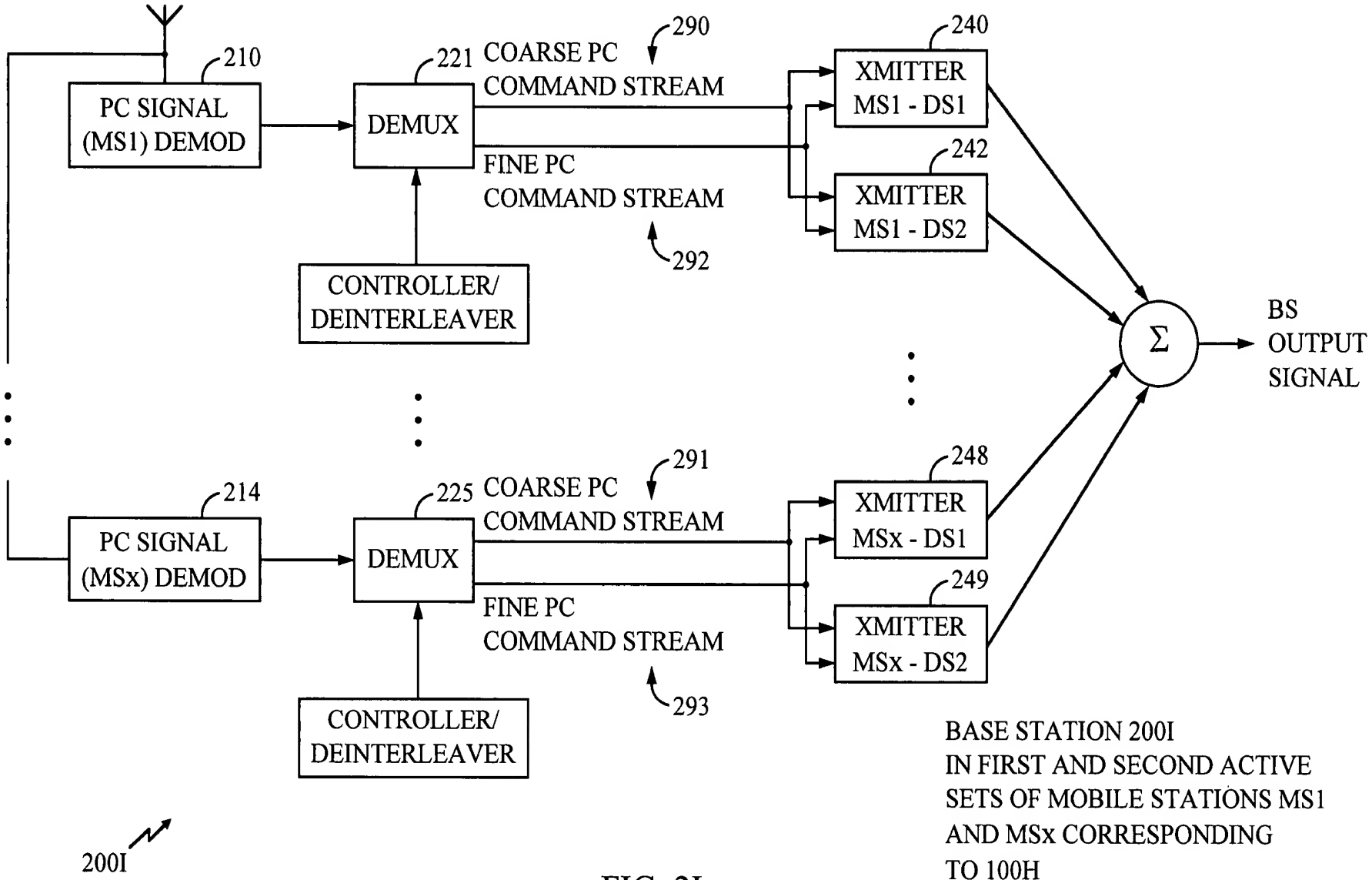
BASE STATION 200G IN FIRST AND SECOND ACTIVE SETS OF MOBILE STATIONS MS1 AND MSx CORRESPONDING TO 100G

TO2HO 09812860



BASE STATION 200H
IN FIRST ACTIVE SET AND
NOT IN SECOND ACTIVE SET
OF MOBILE STATIONS MS1 AND
MSx CORRESPONDING TO 100G

FIG. 2H



BASE STATION 200I
IN FIRST AND SECOND ACTIVE
SETS OF MOBILE STATIONS MS1
AND MSx CORRESPONDING
TO 100H

FIG. 2I

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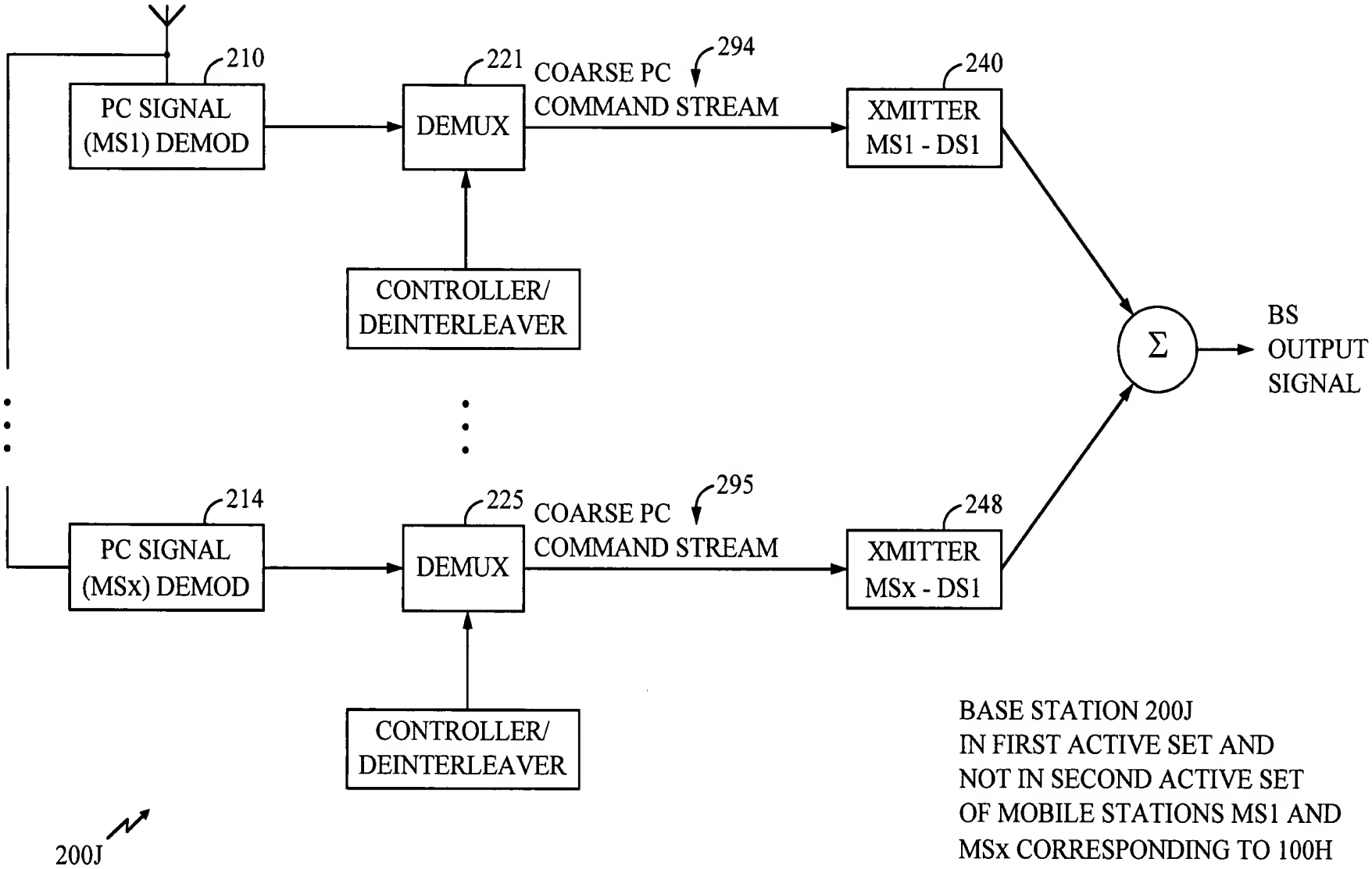

FIG. 2J

TOEHO 098:2860

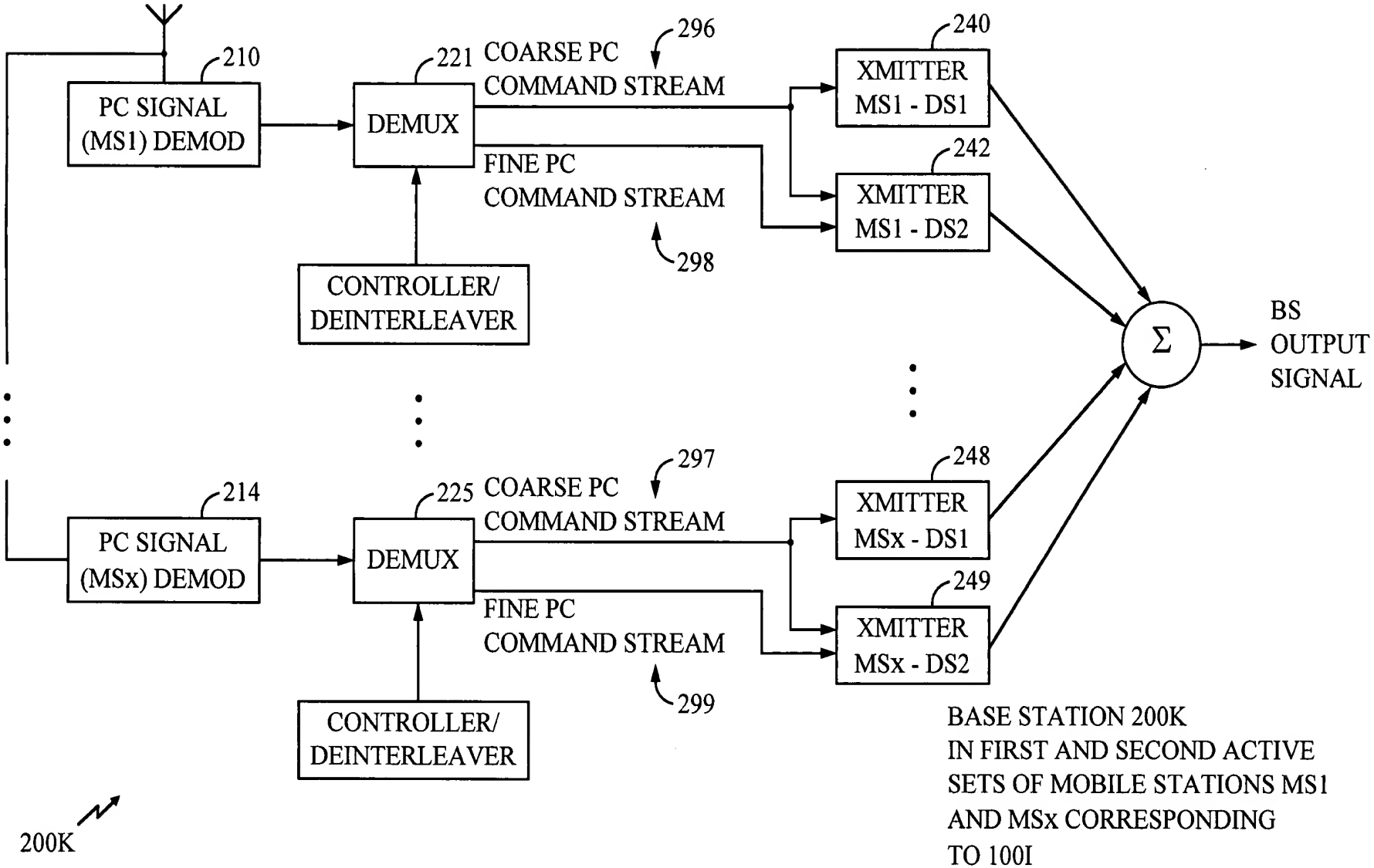

FIG. 2K

TOSHO "0961260

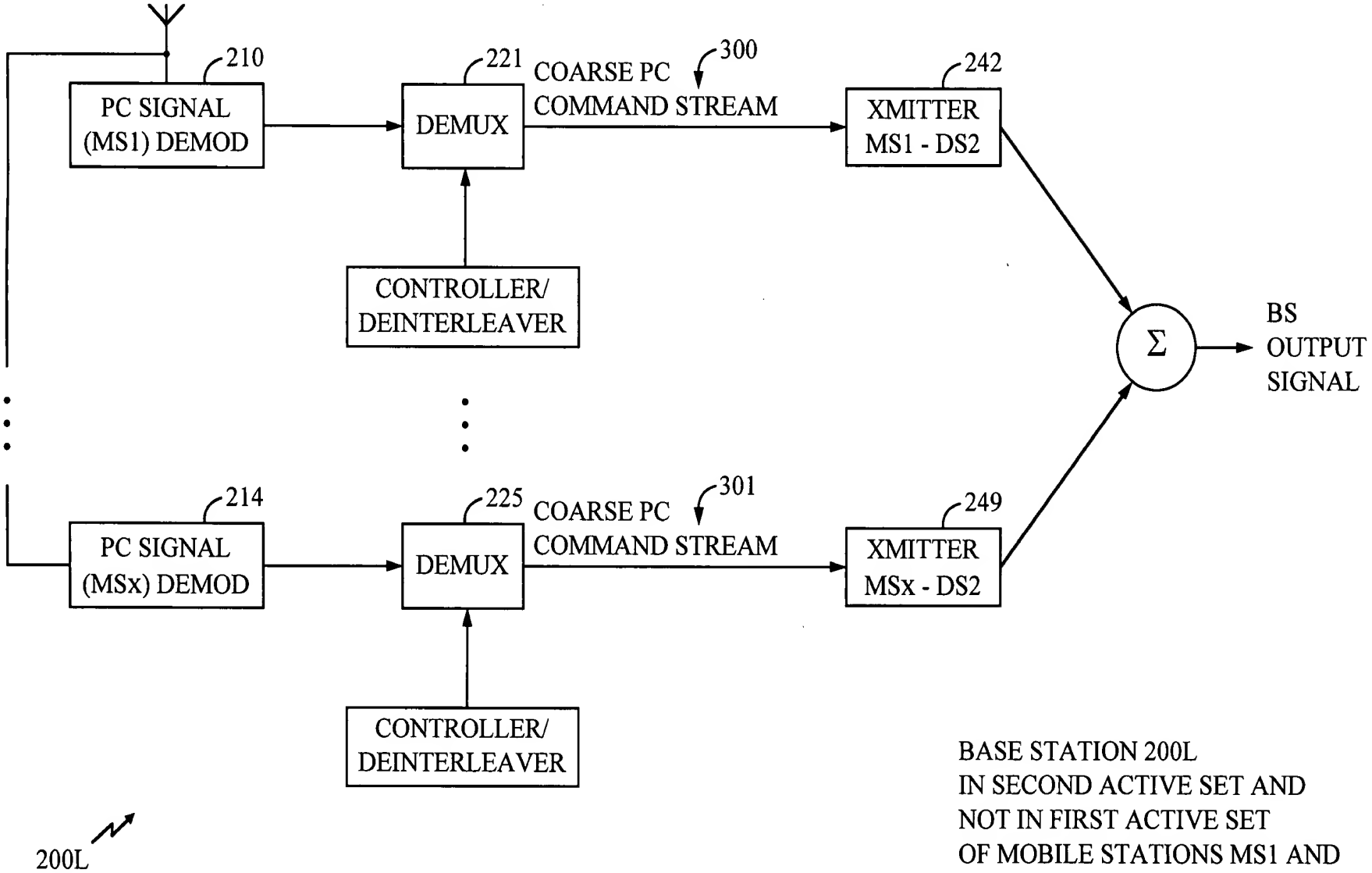

FIG. 2L

BASE STATION 200L
IN SECOND ACTIVE SET AND
NOT IN FIRST ACTIVE SET
OF MOBILE STATIONS MS1 AND
MSx CORRESPONDING TO 100H